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35  
10. The soluble lignand of cellulose in which  
the lignin molecule is capable of.

9. A soluble ligand for  $\text{Cd}^{2+}$ , comprising at least a portion of an immunoglobulin molecule.

8. The soluble ligand of clatrin is which is CD40-Ig.

25. The soluble ligand of  $\text{Cl}_2\text{Al}^6$  or  $\text{B}_2$  which further collapses at least a portion of an ionic liquid molecule.

6. The soluble ligand of clatm 6 which comprises a portion of cd40 protein which blocks a transmembrane domain.

5. A soluble ligand for CD40CR, comprising at least a portion of CD40 protein.

4. The substrate-analogue purifed慷慨地 of claim 1 which binds to the monoclonal antibody M1.

3. The substantiality purfited receptor of claim 1 which binds to CD40-1g.

2. The substance largely purified free of potassium iodide has a molecular weight of about 39. It is a white solid.

5 a substrate ally purified cDNA or receptor.

### WHAT IS CLAIMED IS:

35. which is a platinum coordinated complex.

30. 9, 10 or 11 which further comprises a second molecule which is an enzyme.

25. 17. The soluble ligand according to claim 16, which is a vincristine alkaloid.

20. 9, 10 or 11 which further comprises a second molecule which is an antitubercotic.

15. 14. The soluble ligand according to claim 14, which is an antimetabolite.

10. 9, 10 or 11 which further comprises a second molecule which is an antiprotoferratitive agent.

5. 11. The soluble ligand of claim 9 in which the antibody binds to its target antigen competitively inhibiting the binding of immunological molecule is capable of competitively inhibiting the binding of CD40R.

ligand comprises at least a portion of an

27. The method of claim 22 in which the

ligand is CD40-Ig.

26. The method of claim 22 in which the

ligand comprises at least a portion of an

25 the ligand further comprises at least a portion of a transmembrane domain.

24. The method of claim 22 in which the

ligand comprises at least a portion of CD40 protein.

23. The method of claim 22 in which the

15 ligand binds to CD40CR.

and helper T cells to an effective concentration of

22. A method of inhibiting B-cells

10 therefore.

21. Monoclonal antibody M1 of a fragment

which is a fluorescent compound.

9, 10 or 11 which further comprises a second molecule

5 20. The soluble ligand according to claim

which is a radiotisotope.

9, 10 or 11 which further comprises a second molecule

17. The soluble ligand according to claim

6761

11. Ligand is CD40-1g.

36. The method of claim 30 in which the ~~immunoglobulin molecule~~ is a ~~ligand~~ further comprises at least a portion of CD40 protein of an ~~immunoglobulin molecule~~.

35. The method of claim 33 or 34 in which a transmembrane domain.

34. The method of claim 30 in which the ligand comprises at least a portion of CD40 protein.

33. The method of claim 30 in which the disorder is an autoimmune disease.

32. The method of claim 30 in which the disorder is an allergy.

31. The method of claim 30 in which the therapeutic amount of ligand that binds to CD40R, activator, comprising administering to the subject a suffering from a disorder associated with B-cell disorder.

30. A method of treating a subject its target antigen.

29. The method of claim 27 in which the ~~immunoglobulin molecule~~ is capable of competitively inhibiting the binding of CD40 to CD40R.

28. The method of claim 27 in which the ~~immunoglobulin molecule~~ is capable of competitively inhibiting the binding of CD40 to CD40R.

20

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CD40-1g IgG1  
CD40L IgG1  
CD40L IgG2a  
CD40L IgG2b  
CD40L IgG3  
CD40L IgG4

41. A pharmaceutical composition comprising a biologically active monoclonal antibody MAb or a fragment thereof in a suitable pharmaceutical carrier.

40. A pharmaceutical composition comprising a biologically active monoclonal antibody MAb or a fragment thereof in a suitable pharmaceutical carrier.

39. The method of claim 37 in which the

38. The method of claim 37 in which the immunological molecule is capable of competitively inhibiting the binding of CD40 to CD40R.

37. The method of claim 30 in which the immunological molecule is capable of competitively inhibiting the binding of CD40 to CD40R.